

App. Control No. 09/209,706

Applicants elect group I without traverse. All claims have been amended to read on species of Group 1 where catalyst is provided at the substrate preliminary to coating. Therefore species claims readable on Gp. I are:
54, 56, 57, 59 – 83, 85 – 91, 93, 94, 96, 98, 99-102, 104-142 and added claims 144-150.

Applicant's reserve non-elected Group II for a divisional patent application.

Kindly amend the subject application as follows.

Please cancel claims ~~108~~ and ~~148~~.

72. (amended) A method according to claim [55] 99 wherein the metathesizable material includes at least one reactive unsaturated functional group.

93. (amended) A method according to claim [53] 99 wherein step (b) comprises contacting the substrate surface multiple times with the metathesizable material so as to form multiple coating layers.

99. (amended) A method for providing a coating on a substrate surface comprising: (a) providing a metathesis catalyst at the substrate surface; and subsequently (b) contacting said catalyst on the substrate surface with a coating by printing, spraying, dipping, brushing, wiping, or roll coating of a material that undergoes a metathesis reaction, and (c) forming a coating on said substrate surface from the product of said metathesis reaction.

104. (amended) A method for providing a coating on the outermost portion of a substrate, said coating is uniform, conforming to the outermost surface of said substrate, said method comprising:

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(a) providing a metathesis catalyst at the substrate surface; and subsequently (b) contacting the catalyst on the substrate surface with a material that undergoes a metathesis reaction to form a coating of the product of said metathesis reaction on said substrate.

106. (amended) A method according to claim 99 wherein the coating has a thickness that is [lass] less than the thickness of the substrate.

PLEASE ADD THE FOLLOWING CLAIMS:

D / 144. The method of claim 99 wherein said substrate is selected from the group consisting of a metal, machined metal part, machined elastomer part, molded elastomer article, molded engineering thermoplastic article, extruded fiber, extruded thermoplastic, extruded thermoset, sheet metal, metal coil, fiberglass, wood, paper, ceramic, and glass.

145. The method of claim 144 wherein said substrate is a metal substrate comprising a metal selected from the group consisting of iron, steel, lead, copper, aluminum, brass, bronze, monel, nickel, zinc, tin, gold, silver, and platinum.

146. The method of claim 99 wherein said substrate is a material selected from the group consisting of fiber-glass reinforced prepreg, and sheet molding compound.

147. The method of claim 104 wherein said substrate is selected from the group consisting of a metal, machined metal parts, machined elastomer part, molded elastomer article, molded engineering thermoplastic article, extruded fiber, extruded thermoplastic, extruded thermoset, sheet metal, metal coil, fiberglass, wood, paper, ceramic, and glass.